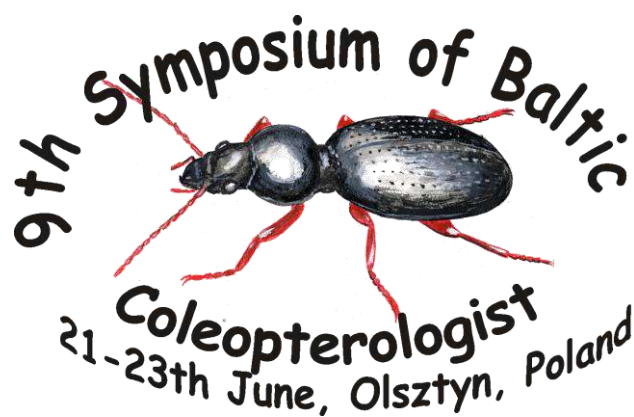


18th Symposium of Polish
Carabidologists

9th Baltic Meeting of
Coleopterologists

2023
21-23 VI

BOOK OF ABSTRACTS



Patronage

JM Rector of the University of Warmia and Mazury in Olsztyn, Prof. JERZY A. PRZYBOROWSKI

Dean of the Faculty of Agriculture and Forestry, Prof. KRZYSZTOF JANKOWSKI

Prof. OLEG ALEKSANDROWICZ, Poland

Prof. STANISŁAW HURUK, Poland

Dr MARIA WOLENDER, Poland

Prof. GABOR LOVEI, Hungary

Dr RIKJAN VERMEULEN, The Netherlands

Scientific Committee

AXEL SCHWERK - Warsaw University of Life Sciences, Poland

LUCIJA ŠERIĆ JELASKA - Zagreb University, Croatia

ARVIDS BARSEVSKIS - Daugavpils University, Latvia

STEPHEN VENN – University of Lodz, Poland

GABOR LÖVEI, ELKH-DE Anthropocene Ecology Research Group, Hungary

TIBOR MAGURA - University of Debrecen, Hungary

ROBERTO PIZZOLOTTO - University of Calabria, Italy

PAVEL SASKA - Crop Research Institute, Czech Republic

JAROSŁAW SKŁODOWSKI - Warsaw University of Life Sciences, Poland

AGNIESZKA KOSEWSKA - University of Warmia and Mazury, Poland



BYELORUSSIAN COLEOPTERA: WHAT'S NEW 30 YEARS AFTER

OLEG ALEKSANDROWICZ ¹, SERGEY RYNDEVICH ²

¹ Pomeranian University in Słupsk, Poland

² Baranovich State University, Belarus

The previous „Catalogue of the beetles of Belarus” was published over 25 years ago (Alexandrovitch et al. 1996). Since that time numerous taxonomic changes have been introduced, new data on the already recorded species were collected, information on 868 species that were not included in this earlier list were gathered, moreover, 111 species were previously wrongly identified. As a result of our investigation the total species number in Belarus amounted to 4112 (including 6 subspecies and 155 doubtful species), from 1296 genera and 98 families.

Based on the species composition in the fauna of the neighbouring regions, it might be assumed that we know about 80 to 85% of beetle species in Belarus.

In the fauna of Belarus four families predominate, as the species number is considered: Staphylinidae (22,4% of the total species number), Curculionidae (13,0%), Chrysomelidae (8,4%) and Carabidae (8,4%). The remaining 94 families include 44,5% of species.

The number of ground beetle species increased from 309 to 337. Most of the new species were recorded in the southeast. It is likely that this is the result of climate change.

The highest species number was recorded in Western Dvina, Neman-Cispollesye and Oshmyany-Misk regions. Our knowledge on the beetle fauna of the Orsha-Mogilev and Berezina-Cispollesye regions, is the poorest.

The presented new catalogue includes 937 literature sources, containing some publications from before 1996 that were not included in the previous edition. The bibliography contains all works known to the authors from Belarus published for the last 26 years on fauna and on ecology of beetles. It also refers to the newest records, confirmed with the material in collections.

References

ALEXANDROVITCH O.R., LOPATIN, I.K., PISANENKO A.D., TSINKEVITCH V.A., SNITKO S.M. 1996. A Catalogue of Coleoptera (Insecta) of Belarus. Minsk, FFI, 103 pp.